

STANDARDIZATION DOCUMENT IMPROVEMENT PROPOSAL

97-001A

INSTRUCTIONS

1. The preparing activity must complete blocks 1, 2, 3, and 8. In block 1, both the document number and revision letter should be given.
2. The submitter of this form must complete blocks 4, 5, 6, and 7.
3. The preparing activity must provide a reply within 30 days from receipt of the form.

NOTE: This form may not be used to request copies of documents, nor to request waivers, or clarification of requirements on current contracts. Comments submitted on this form do not constitute or imply authorization to waive any portion of the referenced document(s) or to amend contractual requirements.

I RECOMMEND A CHANGE:

1. DOCUMENT NUMBER

2. DOCUMENT DATE (YYMMDD)

970207

3. DOCUMENT TITLE

TAG REGISTRY

4. NATURE OF CHANGE *(Identify paragraph number and include proposed rewrite, if possible. Attach extra sheets as needed.)*

A controlled tag to the NITF 2.0 specification MIL-STD-2500A and NITF 2.1 specification MIL-STD-2500B. Provides information needed for printing and scaling. (See attached document.)

The configuration management home of the tag will be the Tag Registry .

5. REASON FOR RECOMMENDATION

This information is not currently available within the NITF standards or controlled TAG (See attached document).

6. SUBMITTER

a. NAME *(Last, First, Middle Initial)***Beck, Larry**

b. ORGANIZATION

Logicon Geodynamics, Inc.c. ADDRESS *(Include Zip Code)***2801 Buford Hwy N.E., Suite 300
Atlanta, GA 30329**d. TELEPHONE *(Include Area Code)*(1) Commercial **(404) 248-9000 x 2220**(2) AUTOVON *(If applicable)*7. DATE SUBMITTED
(YYMMDD)**970221**

8. PREPARING ACTIVITY

NATIONAL IMAGERY AND MAPPING AGENCY

a. NAME

b. TELEPHONE *(Include Area Code)*

(1) Commercial

(2) AUTOVON

c. ADDRESS *(Include Zip Code)***IF YOU DO NOT RECEIVE A REPLY WITHIN 45 DAYS,
CONTACT:**

Defense Quality and Standardization Office
5203 Leesburg Pike, Suite 1403, Falls Church, VA 22041-3466
Telephone (703) 756-2340 AUTOVON 289-2340

Tag "BCKGDA":

The ability to use this tag shall be optional for Packing (export) and required for Unpacking (import).

If the XHD field of the main header contains "BCKGDA" then:

Table I Tag BCKGDA: Map Composition Information.

FIELD	NAME	SIZE	VALUE RANGE	TYPE
CETAG	Tag name	6	"BCKGDA"	R
CEL	Tag length	5	99	R
BGWIDTH	The width, in PIXUNITS, of the complete NITF composition (This is not the C-level size, this is the composition (e.g., paper) size.)	8	00000000-99999999	R
BGHIGHT	The height, in PIXUNITS, of the complete NITF composition (This is not the C-level size, this is the composition (e.g., paper) size.)	8	00000000-99999999	R
BGRED	The red component of the background	8	00000000-00000255	R
BGGREEN	The green component of the background	8	00000000-00000255	R
BGBLUE	The blue component of the background	8	00000000-00000255	R
PIXSIZE	The number of pixels per PIXUNITS: "INCHES" or "CENTIMETERS" only	8	00000000-99999999	R
PIXUNITS	The unit of measure for printing of a pixel of the NITF composition	40	Alphanumeric: "DEVICE PIXELS", "INCHES", "CENTIMETERS" or "POINTS"	R

Note the PIXSIZE is defined for PIXUNITS of "INCHES" or "CENTIMETERS" only:

If the PIXSIZE is 100 and the PIXUNITS is "INCHES" the NITF composition units of measure for printing is 100 pixels per inch (the same logic is true for "CENTIMETERS").

If the PIXUNITS is "DEVICE PIXELS" then the composition is output to the print device with a one to one pixel correspondence.

If the PIXUNITS is "POINTS" the composition units of measure for printing is 72 pixels per inch or 28.3464 pixels per centimeter.